

ABSTRACT

A method of printing an image with a printing plate prepared from a printing plate precursor, which comprises a support having thereon an image forming layer A containing a water-soluble material, the method comprising the steps of: (a) imagewise exposing the layer A of the printing plate precursor so as to form an unexposed portion and an exposed portion; (b) supplying an emulsion ink containing an oil-based ink and water onto the layer A so that the unexposed portion is removed from the layer A so as to form a non image portion and the exposed portion remains in the layer A so as to form an image portion to give the printing plate, wherein the image portion is lyophilic and the non image portion is hydrophilic; and (c) printing the image on the printing plate to an image receiving material while further supplying the emulsion ink.